Claims

1. A detergent composition comprising a detergent and a crosslinked product obtained by reacting a compound having 2 to 32 hydroxyl groups (hereinafter, referred to as component (a)) with a compound having at least two functional groups reacting with hydroxyl groups (hereinafter, referred to as component (b)).

2. The detergent composition according to claim 1, wherein the component (a) is a compound represented by formula (I):

$$HO-(R^1O)_m-H \qquad (I)$$

wherein R^1 is a C2 to C3 alkylene group and m is a number of 1 to 30; a compound represented by formula (II):

$$HO-R^2-NX-R^3-OH \qquad (II)$$

wherein R^2 and R^3 independently represent a C2 to C3 alkylene group, X represents a hydrogen atom or a group represented by $-R^4-OH$ whereupon R^4 represents a C2 to C3 alkylene group, and R^2, R^3 and R^4 may contain repeated oxyethylene groups and/or oxypropylene groups; glycerin; polyglycerin having a polymerization degree of 2 to 30; or sorbitol.

3. The detergent composition according to claim 1 or 2, wherein the component (b) is a polyhydric alcohol polyglycidyl ether.

4. The detergent composition according to claim 3, wherein the polyhydric alcohol is a compound represented by formula (III):

$$HO-(R^5O)_n-H \qquad (III)$$

wherein R^5 represents a C2 to C3 alkylene group, and n is a number of 1 to 30; glycerin; polyglycerin having a polymerization degree of 1 to 30; or sorbitol.

5. The detergent composition according to claim 1, wherein the component (a) is triethanol amine and the component (b) is a diglycidyl ether of ethylene glycol or polyethylene glycol.

6. Use of the crosslinked product defined in any one of claims 1 to 5 as a soil release agent.

7. A method of releasing soil from clothes with the crosslinked product described in any one of claims 1 to 5.